

Introducing our new Extreme Octane Bioethanol / Petrol Blend

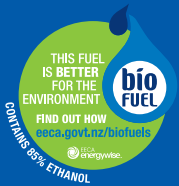
GULL FORCE PRO

EXTREME OCTANE

How do I obtain more information?



Gull New Zealand Ltd
507 Lake Road, Takapuna
www.gull.co.nz



Energy Efficiency &
Conservation Authority
www.eeca.govt.nz



HOLDEN

www.holden.co.nz
[http://www.holden.co.nz/
holden-innovation/ecoline](http://www.holden.co.nz/holden-innovation/ecoline)



At Gull we care about the environment, so we chose to print this pamphlet locally with an FSC certified printing company. Printed FSC Mixed Source paper containing at least 55% recycled content. So join us and please pass on or recycle this pamphlet.

March 2011

You have a choice. Choose Gull

Gull is proud to launch Gull Force Pro, the latest in a line of improvements Gull brings to the New Zealand fuel industry. Gull Force Pro brings you

- Extreme Octane (>110 RON Octane!)
- Extreme Power & Torque
- Extreme benefits for you and the environment

What is Gull Force Pro?

Gull Force Pro is a specialty high performance fuel made from a blend of 85% bioethanol and 15% premium petrol i.e., an E85 fuel.

What vehicles can use Gull Force Pro?

Gull Force Pro is designed for use in Flexible Fuel (FlexFuel) vehicles which are able to run on any blend from E10 to E85, as well as normal petrol should the need arise. Holden has launched FlexFuel capable vehicles in the New Zealand market in 2010.

It can also be used in specifically designed high performance motor racing engines, i.e., motor sports and rally cars. **It is NOT suitable for standard vehicle engines or fuel systems and may cause serious damage.**

Where is Gull Force Pro made?

Gull has a state of the art production facility in Mount Maunganui, where we blend the 85% bioethanol with premium petrol. Gull Force Pro also contains an international corrosion inhibitor to further protect your vehicle.

What is bioethanol?

The bioethanol in Gull Force Pro is a renewable fuel. It is made from dairy by-products in New Zealand or sugarcane from sustainable sources which can be grown again.

It's expected that future bioethanol will be derived from many sources such as forestry waste, agricultural residue, energy crops (grown on marginal land), even household garbage.

How does Gull Force Pro benefit the environment?

Because this specialty fuel incorporates 85% bioethanol it will ensure that your vehicle creates fewer carbon emissions (greenhouse gasses).

When driving on E85 you can reduce the amount of CO2 emissions on a whole life cycle basis by between 35-50%, compared to the use of petrol.

It will therefore play a role in helping New Zealand achieve its emissions reduction targets, and it will help keep our nation's skies clearer and cleaner.

The ethanol in E85 increases the octane level which leads to a cleaner burn and less carbon monoxide emissions.

Have bioethanol fuel blends been used elsewhere in the world?

Yes, similar fuel blends have been used in Australia, Europe, North and South America. E85 remains a growing fuel in these markets.

Which cars can run on an 85% bioethanol blend?

As is the case with all fuels, it is important to consult your vehicle manufacturer before converting to a new grade of fuel. Force Pro is suitable **ONLY** for FlexFuel vehicles and other engines specifically designed to use high percentage ethanol fuel blends.

Can I mix bioethanol blended fuel with other fuels?

Gull Force Pro can be mixed with all other fuels in FlexFuel vehicles **ONLY**. However, the benefits of Gull Force Pro are reduced if other fuels are added.

Gull Force Pro is manufactured to the highest standard and in addition, Gull warranties all Gull fuel to meet New Zealand fuel specifications, where prescribed.

Important tips for making the best use of Bioethanol fuels

1. Caution with water in your fuel tank. All fuel tanks will generally contain some water. The older the vehicle, the more likely it is that there could be some water in the tank. The bioethanol will actually clean the water from your system so it is a great product to use. However, too much water may cause starting problems the first time you fill your tank with Gull Force Pro.
2. Make the first fill a big one. The more Gull Force Pro you can put into your tank on the first fill, the more water will be absorbed. Your car will thank you for removing the water from your fuel system.
3. Check your fuel filter more regularly. Because Gull Force Pro cleans your fuel tank faster than standard fuels, more debris may be trapped by the fuel filter. Regular maintenance and inspection of your fuel filter is therefore strongly recommended.
4. Do not use in marine engines. Use of Gull Force Pro in boat engines and outboard motors is not recommended as there is much more likelihood or significant quantities of water being present in the fuel tank.
5. Do not use in aviation engines. As with all automotive gasoline, Gull Force Pro is not for use in aircraft or for any aviation use such as micro-lights.
6. Small engines and lawn mowers. Gull Force Pro may not be suitable for many engines. Again please consult the manufacturer to check on suitability for use in your particular engine.
7. Don't leave Gull Force Pro unused in fuel tanks for extended periods. A wise precaution is not to leave bioethanol-petrol blended fuel in tanks for extended periods as there is more chance of water getting in the unused fuel.
8. Don't go skiing after your first fill-up. Cold temperatures reduce the amount of water Gull Force Pro will absorb so we do not recommend immediately parking at a ski field (or anywhere else cold) after your first fill-up. After the first fill-up there will be no issue.
9. Are there any servicing and tuning recommendations? Gull recommends regular tuning and servicing of your engine to maintain optimal performance.

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